

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/764,075A  
Source: 1FW16  
Date Processed by STIC: 10/27/05

# ***ENTERED***



IFW16

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DATE: 10/27/2005

PATENT APPLICATION: US/10/764,075A

TIME: 12:24:04

Input Set : A:\19424472.app

Output Set: N:\CRF4\10272005\J764075A.raw

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3 <110> APPLICANT: BRIESE, THOMAS
4     LIPKIN, W. IAN
5     PALACIOS, GUSTAVO
6     JABADO, OMAR
8 <120> TITLE OF INVENTION: METHODS AND KITS FOR DETECTING SARS-ASSOCIATED
9     CORONAVIRUS
11 <130> FILE REFERENCE: 19240-447-US2
13 <140> CURRENT APPLICATION NUMBER: 10/764,075A
14 <141> CURRENT FILING DATE: 2004-01-23
16 <150> PRIOR APPLICATION NUMBER: 60/463,704
17 <151> PRIOR FILING DATE: 2003-04-17
19 <160> NUMBER OF SEQ ID NOS: 43
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24 <211> LENGTH: 1136
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
30     nucleic acid sequence that includes the 3'
31     non-coding region and a portion of the N gene
32     of the SARS-associated coronavirus genome
34 <400> SEQUENCE: 1
35 aggcacgcgta tgggttgcaa ctgaggggagc cttgaataca cccaaagacc acattggcac 60
36 ccgcaatcct aataacaatg ctgccaccgt gctacaactt cctcaaggaa caacattgcc 120
37 aaaaggttc tacgcagagg gaagcagagg cggcagtc aaacattgct gctcctcatc 180
38 acgtagtcgc ggtaattcaa gaaattcaac tcctggcagc agtaggggaa attctcctgc 240
39 tcgaatggct agcggagggtg gtgaaactgc cctcgcgcta ttgctgctag acagattgaa 300
40 ccagcttgag agcaaagttt ctggttaaagg ccaacaacaa caaggccaaa ctgtcactaa 360
41 gaaatctgct gctgaggcat ctaaaaagcc tcgccaaaaa cgtactgcca caaaacagta 420
42 caacgtcact caagcatttg ggagacgtgg tccagaacaa acccaaggaa atttcgggga 480
43 ccaagaccta atcagacaag gaactgatta caaacattgg ccgcaaattg cacaatttgc 540
44 tccaagtgcc tctgcattct ttggaatgtc acgcattggc atggaagtca caccttcggg 600
45 aacatggctg acttatcatg gagccattaa attggatgac aaagatccac aattcaaaga 660
46 caacgtcata ctgctgaaca agcacattga cgcatacaaa acattcccac caacagagcc 720
47 taaaaaggac aaaaagaaaa agactgatga agctcagcct ttgccgcaga gacaaaagaa 780
48 gcagcccact gtgactcttc ttctgcggc tgacatggat gatttctcca gacaacttca 840
49 aaattccatg agtggagctt ctgctgattc aactcaggca taaacactca tgatgaccac 900
50 acaaggcaga tgggctatgt aaacgttttc gcaattccgt ttacgataca tagtctactc 960
51 ttgtgcagaa tgaattctcg taactaaaca gcacaagtag gtttagttaa ctttaattctc 1020
52 acatagcaat ctttaatacaa tgtgtaacat tagggaggac ttgaaagagc caccacattt 1080
53 tcatcgaggc cacgcggagt acgatcgagg gtacagtga taatgctagg gagagc 1136
56 <210> SEQ ID NO: 2

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74 <220> FEATURE:
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83 <211> LENGTH: 21
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
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89     primer
91 <400> SEQUENCE: 4
92 cacaaggcag atgggctatg t                               21
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96 <211> LENGTH: 23
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105 gctctcccta gcgttattca ctg                               23
108 <210> SEQ ID NO: 6
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110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
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122 <211> LENGTH: 24
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
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152 <220> FEATURE:
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156 <400> SEQUENCE: 9
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161 <211> LENGTH: 22
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
167     primer
169 <400> SEQUENCE: 10
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173 <210> SEQ ID NO: 11
174 <211> LENGTH: 19
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
180     primer
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183 aggcatacgta tgggttgca                19
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187 <211> LENGTH: 22
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial Sequence
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215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
219     primer
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232     primer
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235 aagtcagcca tggtcccga                20
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240 <212> TYPE: DNA
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245     primer
247 <400> SEQUENCE: 16
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253 <212> TYPE: DNA
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273 <400> SEQUENCE: 18
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278 <211> LENGTH: 18
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
284     primer
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287 tgtaaacca ggtggaac                                18
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291 <211> LENGTH: 18
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
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297     primer
299 <400> SEQUENCE: 20
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304 <211> LENGTH: 24
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306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
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310     primer
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318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
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VERIFICATION SUMMARY

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